#3

SEQUENCE LISTING

A3
Sub C

<110> Boyle, Bryan J
Ford, John E
Mize, Nancy K
Tang, Y. Tom
Liu, Chenghua
Dimanac, Radoje T
Dickson, Mark C
Arterburn, Matthew C

<120> METHODS AND MATERIALS RELATING TO NOVEL C-TYPE LECTIN RECEPTOR-LIKE POLYPEPTIDES AND POLYNUCLEOTIDES

<130> HYS-5

<140> US 09/545,283
<141> 2000-04-07

<150> US 09/496,914
<151> 2000-02-03

<160> 11

<170> PatentIn version 3.0

<210> 1
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(415)
<223> n = A, T, G, or C

<400> 1
cgcacacaca atggtgcctg aagaagagcc tcaagaccga gagaaaggac tctggtgggt 60

ccaggtgaag gtctggtcca tggcagtcgt atccatcttg ctcctcagtg tctgtttcac 120

tgtgagttct gtggtgcctc acaattttat gtatagcaaa actgtcaaga ggctgtccaa 180

gttacgagag tatcaacagt atcattcaag cctgacctgc gtcatggaag gaaaggacat 240

agaagattgg agctgctgcc caacccctg gacttcattt cagtctagtt gctactttat 300

ttctactggg atgcaatctt ggactaagag tcaaaagaac tgttctgtga tgggggctga 360

tctggtggtg atcaacacca gggaagaaca ggatttcatc attcagaatc tgaan 415

<210> 2
<211> 826
<212> DNA
<213> Homo sapiens

<400> 2
cgcacacaca atggtgcctg aagaagagcc tcaagaccga gagaaaggac tctggtgggt 60

ccaggtgaag gtctggtcca tggcagtcgt atccatcttg ctcctcagtg tctgtttcac 120

tgtgagttct gtggtgcctc acaattttat gtatagcaaa actgtcaaga ggctgtccaa 180

gttacgagag tatcaacagt atcattcaag cctgacctgc gtcatggagg gaaaggacat 240

agaagattgg agctgctgcc caacccctg gacttcattt cagtctagtt gctactttat 300

ttctactggg atgcaatctt ggactaagag tcaaaagaac tgttctgtga tgggggctga 360

tctggtggtg atcaacacca gggaagaaca ggatttcatc attcagaatc tgaaaagaaa 420

ttcttcttat tttctggggc tgtcagatcc agggggtcgg cgacattggc aatgggttga 480

ccagacacca tacaatgaaa atgtcacgtg agtatagaat gagattctgg cactcaggtg 540

aacccaataa ccttgatgag cgttgtgcga taataaattt ccgttcttca gaagaatggg 600

gctggaatga cattcactgt catgtacctc agaagtcaat ttgcaagatg aagaagatct 660

acatataaat gaaatattct ccctggaaat gtgtttgggt tggcatccac cgttgtagaa 720

agctaaattg atttttaat ttatgtgtaa gttttgtaca aggaatgccc ctaaaatgtt 780

tcagcaggct gtcacctatt acacttatga tataatccat ttaaaa 826

A3 cont

<210> 3
<211> 858
<212> DNA
<213> Homo sapiens

Pub C

<220>
<221> CDS
<222> (43)..(747)

<400> 3
tgaacttaat tttgggtcga cccacgcgtc cgcggcacaca ca atg gtg cct gaa 54
Met Val Pro Glu
1

gaa gag cct caa gac cga gag aaa gga ctc tgg tgg ttc cag ttg aag 102
Glu Glu Pro Gln Asp Arg Glu Lys Gly Leu Trp Trp Phe Gln Leu Lys
5 10 15 20

gtc tgg tcc atg gca gtc gta tcc atc ttg ctc ctc agt gtc tgt ttc 150
Val Trp Ser Met Ala Val Val Ser Ile Leu Leu Leu Ser Val Cys Phe
25 30 35

act gtg agt tct gtg gtg cct cac aat ttt atg tat agc aaa act gtc 198
Thr Val Ser Ser Val Val Pro His Asn Phe Met Tyr Ser Lys Thr Val
40 45 50

aag agg ctg tcc aag tta cga gag tat caa cag tat cat tca agc ctg 246
Lys Arg Leu Ser Lys Leu Arg Glu Tyr Gln Gln Tyr His Ser Ser Leu
55 60 65

acc tgc gtc atg gaa gga aag gac ata gaa gat tgg agc tgc tgc cca 294
Thr Cys Val Met Glu Gly Lys Asp Ile Glu Asp Trp Ser Cys Cys Pro
70 75 80

acc cct tgg act tca ttt cag tct agt tgc tac ttt att tct act ggg 342
Thr Pro Trp Thr Ser Phe Gln Ser Ser Cys Tyr Phe Ile Ser Thr Gly
85 90 95 100

atg caa tct tgg act aag agt caa aag aac tgt tct gtg atg ggg gct 390
Met Gln Ser Trp Thr Lys Ser Gln Lys Asn Cys Ser Val Met Gly Ala

```
                105                 110                 115

gat ctg gtg gtg atc aac acc acg gaa gaa cac gat ttc atc att cat      438
Asp Leu Val Val Ile Asn Thr Thr Glu Glu His Asp Phe Ile Ile His
            120                 125                 130

aat ctg aaa aga aat tct tct tat ttt ctg ggg ctg tca cat cca cgg      486
Asn Leu Lys Arg Asn Ser Ser Tyr Phe Leu Gly Leu Ser His Pro Arg
        135                 140                 145

ggt cgg cga cat tgg caa tgg gtt gac cac aca cca tac aat gaa aat      534
Gly Arg Arg His Trp Gln Trp Val Asp His Thr Pro Tyr Asn Glu Asn
    150                 155                 160

gtc aca ttc tgg cac tca ggt gaa ccc aat aac ctt gat gag cgt tgt      582
Val Thr Phe Trp His Ser Gly Glu Pro Asn Asn Leu Asp Glu Arg Cys
165                 170                 175                 180

gcg ata ata aat ttc cgc tct tca caa gaa tgg ggc tgg aat gac att      630
Ala Ile Ile Asn Phe Arg Ser Ser Gln Glu Trp Gly Trp Asn Asp Ile
                185                 190                 195

cac tgt cat gta cct cac aag tca att tgc gag atg aag aag atc tac      678
His Cys His Val Pro His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr
            200                 205                 210

ata tac atg aaa tat tct ccc tgg aaa tgt gtt tgg gtt ggc atc cac      726
Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His
        215                 220                 225

cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa          777
Arg Cys Arg Lys Leu Asn
    230

agaatgcccc taaatgtttc agcaggctgt cacctattac acttatgata taatccattc     837

acacattcaa aaaaaaaaaa g                                              858


<210>  4
<211>  234
<212>  PRT
<213>  Homo sapiens

<400>  4

Met Val Pro Glu Glu Glu Pro Gln Asp Arg Glu Lys Gly Leu Trp Trp
1               5                   10                  15

Phe Gln Leu Lys Val Trp Ser Met Ala Val Val Ser Ile Leu Leu Leu
            20                  25                  30

Ser Val Cys Phe Thr Val Ser Ser Val Val Pro His Asn Phe Met Tyr
        35                  40                  45

Ser Lys Thr Val Lys Arg Leu Ser Lys Leu Arg Glu Tyr Gln Gln Tyr
    50                  55                  60

His Ser Ser Leu Thr Cys Val Met Glu Gly Lys Asp Ile Glu Asp Trp
65                  70                  75                  80
```

Ser Cys Cys Pro Thr Pro Trp Thr Ser Phe Gln Ser Ser Cys Tyr Phe
85 90 95

Ile Ser Thr Gly Met Gln Ser Trp Thr Lys Ser Gln Lys Asn Cys Ser
100 105 110

Val Met Gly Ala Asp Leu Val Val Ile Asn Thr Thr Glu Glu His Asp
115 120 125

Phe Ile Ile His Asn Leu Lys Arg Asn Ser Ser Tyr Phe Leu Gly Leu
130 135 140

Ser His Pro Arg Gly Arg Arg His Trp Gln Trp Val Asp His Thr Pro
145 150 155 160

Tyr Asn Glu Asn Val Thr Phe Trp His Ser Gly Glu Pro Asn Asn Leu
165 170 175

Asp Glu Arg Cys Ala Ile Ile Asn Phe Arg Ser Ser Gln Glu Trp Gly
180 185 190

Trp Asn Asp Ile His Cys His Val Pro His Lys Ser Ile Cys Glu Met
195 200 205

Lys Lys Ile Tyr Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp
210 215 220

Val Gly Ile His Arg Cys Arg Lys Leu Asn
225 230

<210> 5
<211> 14
<212> PRT
<213> Homo sapiens

<400> 5

Trp Asn Asp Ile His Cys His Val Pro His Lys Ser Ile Cys
1 5 10

<210> 6
<211> 193
<212> PRT
<213> Homo sapiens

<400> 6

Val Pro His Asn Phe Met Tyr Ser Lys Thr Val Lys Arg Leu Ser Lys
1 5 10 15

Leu Arg Glu Tyr Gln Gln Tyr His Ser Ser Leu Thr Cys Val Met Glu
20 25 30

Gly Lys Asp Ile Glu Asp Trp Ser Cys Cys Pro Thr Pro Trp Thr Ser
35 40 45

Phe Gln Ser Ser Cys Tyr Phe Ile Ser Thr Gly Met Gln Ser Trp Thr
50 55 60

Lys Ser Gln Lys Asn Cys Ser Val Met Gly Ala Asp Leu Val Val Ile
65 70 75 80

Asn Thr Thr Glu Glu His Asp Phe Ile Ile His Asn Leu Lys Arg Asn
85 90 95

Ser Ser Tyr Phe Leu Gly Leu Ser His Pro Arg Gly Arg Arg His Trp
100 105 110

Gln Trp Val Asp His Thr Pro Tyr Asn Glu Asn Val Thr Phe Trp His
115 120 125

Ser Gly Glu Pro Asn Asn Leu Asp Glu Arg Cys Ala Ile Ile Asn Phe
130 135 140

Arg Ser Ser Gln Glu Trp Gly Trp Asn Asp Ile His Cys His Val Pro
145 150 155 160

His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr Ile Tyr Met Lys Tyr
165 170 175

Ser Pro Trp Lys Cys Val Trp Val Gly Ile His Arg Cys Arg Lys Leu
180 185 190

Asn

<210> 7
<211> 18
<212> PRT
<213> Homo sapiens

<400> 7

Cys Tyr Phe Ile Ser Thr Gly Met Gln Ser Trp Thr Lys Ser Gln Lys
1 5 10 15

Asn Cys

<210> 8
<211> 215
<212> PRT
<213> Mus musculus

<400> 8

Glu Glu Ser Gln Met Lys Ser Lys Gly Thr Arg His Pro Gln Leu Ile
1 5 10 15

Pro Cys Val Phe Ala Val Val Ser Ile Ser Phe Leu Ser Ala Cys Phe
20 25 30

Ile Ser Thr Cys Leu Val Thr His His Tyr Phe Leu Arg Trp Thr Arg
35 40 45

Gly Ser Val Val Lys Leu Ser Asp Tyr His Thr Arg Val Thr Cys Ile

#7


```
    50                  55                  60

Arg Glu Glu Pro Gln Pro Gly Ala Thr Gly Gly Thr Trp Thr Cys Cys
65                  70                  75                  80

Pro Val Ser Trp Arg Ala Phe Gln Ser Asn Cys Tyr Phe Pro Leu Asn
                85                  90                  95

Asp Asn Gln Thr Trp His Glu Ser Glu Arg Asn Cys Ser Gly Met Ser
            100                 105                 110

Ser His Leu Val Thr Ile Asn Thr Glu Ala Glu Gln Asn Phe Val Thr
        115                 120                 125

Gln Leu Leu Asp Lys Arg Phe Ser Tyr Phe Leu Gly Leu Ala Asp Glu
    130                 135                 140

Asn Val Glu Gly Gln Trp Gln Trp Val Asp Lys Thr Pro Phe Asn Pro
145                 150                 155                 160

His Thr Val Phe Trp Glu Lys Gly Glu Ser Asn Asp Phe Met Glu Glu
                165                 170                 175

Asp Cys Val Val Leu Val His Val His Glu Lys Trp Val Trp Asn Asp
            180                 185                 190

Phe Pro Cys His Phe Glu Val Arg Arg Ile Cys Lys Leu Pro Gly Ile
        195                 200                 205

Thr Phe Asn Trp Lys Pro Ser
    210                 215

<210>  9
<211>  187
<212>  PRT
<213>  Homo sapiens

<400>  9

Leu Ile Phe Phe Leu Leu Leu Ala Ile Ser Phe Phe Ile Ala Phe Val
1               5                   10                  15

Ile Phe Phe Gln Lys Tyr Ser Gln Leu Leu Glu Lys Lys Thr Thr Lys
            20                  25                  30

Glu Leu Val His Thr Thr Leu Glu Cys Val Lys Lys Asn Met Pro Val
        35                  40                  45

Glu Glu Thr Ala Trp Ser Cys Cys Pro Lys Asn Trp Lys Ser Phe Ser
    50                  55                  60

Ser Asn Cys Tyr Phe Ile Ser Thr Glu Ser Ala Ser Trp Gln Asp Ser
65                  70                  75                  80

Glu Lys Asp Cys Ala Arg Met Glu Ala His Leu Leu Val Ile Asn Thr
                85                  90                  95

Gln Glu Glu Gln Asp Phe Ile Phe Gln Asn Leu Gln Glu Glu Ser Ala
            100                 105                 110

Tyr Phe Val Gly Leu Ser Asp Pro Glu Gly Gln Arg His Trp Gln Trp
        115                 120                 125

Val Asp Gln Thr Pro Tyr Asn Glu Ser Ser Thr Phe Trp His Pro Arg
```

130 135 140

Glu Pro Ser Asp Pro Asn Glu Arg Cys Val Val Leu Asn Phe Arg Lys
145 150 155 160

Ser Pro Lys Arg Trp Gly Trp Asn Asp Val Asn Cys Leu Gly Pro Gln
165 170 175

Arg Ser Val Cys Glu Met Met Lys Ile His Leu
180 185

<210> 10
<211> 187
<212> PRT
<213> Homo sapiens

<400> 10

Leu Ile Phe Phe Leu Leu Leu Ala Ile Ser Phe Phe Ile Ala Phe Val
1 5 10 15

Ile Phe Phe Gln Lys Tyr Ser Gln Leu Leu Glu Lys Lys Thr Thr Lys
20 25 30

Glu Leu Val His Thr Thr Leu Glu Cys Val Lys Lys Asn Met Pro Val
35 40 45

Glu Glu Thr Ala Trp Ser Cys Cys Pro Lys Asn Trp Lys Ser Phe Ser
50 55 60

Ser Asn Cys Tyr Phe Ile Ser Thr Glu Ser Ala Ser Trp Gln Asp Ser
65 70 75 80

Glu Lys Asp Cys Ala Arg Met Glu Ala His Leu Leu Val Ile Asn Thr
85 90 95

Gln Glu Glu Gln Asp Phe Ile Phe Gln Asn Leu Gln Glu Glu Ser Ala
100 105 110

Tyr Phe Val Gly Leu Ser Asp Pro Glu Gly Gln Arg His Trp Gln Trp
115 120 125

Val Asp Gln Thr Pro Tyr Asn Glu Ser Ser Thr Phe Trp His Pro Arg
130 135 140

Glu Pro Ser Asp Pro Asn Glu Arg Cys Val Val Leu Asn Phe Arg Lys
145 150 155 160

Ser Pro Lys Arg Trp Gly Trp Asn Asp Val Asn Cys Leu Gly Pro Gln
165 170 175

Arg Ser Val Cys Glu Met Met Lys Ile His Leu
180 185

<210> 11
<211> 208
<212> PRT
<213> Mus musculus

<400> 11

Pro Arg Glu Lys Pro Ile Arg Asp Leu Arg Lys Pro Gly Ser Pro Ser
1 5 10 15


```
Leu Leu Leu Thr Ser Leu Met Leu Leu Leu Leu Leu Ala Ile Thr
           20                  25                  30

Phe Leu Val Ala Phe Ile Ile Tyr Phe Gln Lys Tyr Ser Gln Leu Leu
       35                  40                  45

Glu Glu Lys Lys Ala Ala Lys Asn Ile Met His Asn Glu Leu Asn Cys
   50                  55                  60

Thr Lys Ser Val Ser Pro Met Glu Asp Lys Val Trp Ser Cys Cys Pro
65                  70                  75                  80

Lys Asp Trp Arg Leu Phe Gly Ser His Cys Tyr Leu Val Pro Thr Val
                85                  90                  95

Ser Ser Ser Ala Ser Trp Asn Lys Ser Glu Glu Asn Cys Ser Arg Met
           100                 105                 110

Gly Ala His Leu Val Val Ile Gln Ser Gln Glu Glu Gln Asp Phe Ile
       115                 120                 125

Thr Gly Ile Leu Asp Thr His Ala Ala Tyr Phe Ile Gly Leu Trp Asp
   130                 135                 140

Thr Gly His Arg Gln Trp Gln Trp Val Asp Gln Thr Pro Tyr Glu Glu
145                 150                 155                 160

Ser Ile Thr Phe Trp His Asn Gly Glu Pro Ser Ser Gly Asn Glu Lys
                165                 170                 175

Cys Ala Thr Ile Ile Tyr Arg Trp Lys Thr Gly Trp Gly Trp Asn Asp
           180                 185                 190

Ile Ser Cys Ser Leu Lys Gln Lys Ser Val Cys Gln Met Lys Lys Ile
       195                 200                 205
```

A3 cont.